

**STATE OF NORTH DAKOTA
BOARD OF WATER WELL CONTRACTORS
900 E. BOULEVARD • BISMARCK, NORTH DAKOTA 58501**

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Board of Water Well Contractors within 30 days after completion or abandonment of the well.

FREDERICKSON'S INC.

DRILLERS LOG

Drilled for National Park Service by Hutchinson, Minnesota Office

Location of property Painted Canyon Overlook

Test hole No Location of test hole Well No.

Size of test hole 8 5/8" Date started 6-13-73 Date completed 6-18-73 Total Hours

FORMATION DRILLED

TYPE OF FORMATION	COLOR OF FORMATION	STARTED AT WHAT DEPT	ENDED AT WHAT DEPT	THICKNESS OF FORMATION
Silty claystone	light olive gray	0	30	30
Silty, lignitic claystone		30	35	5
Claystone & sandstone		35	40	5
Siltstone & claystone		40	45	5
Sandy siltstone		45	70	25
Lignitic claystone		70	84	14
Lignite		84	96	12
Silty claystone		96	100	4
Lignite		100	108	8
Silty claystone		108	116	8
Limestone		116	120	4
Silty, sandy claystone	light olive gray	120	207	87
Limestone		207	211	4
Silty, sandy, carbonaceous claystone		211	250	39
Lignite		250	254	4
Thin bed of limestone		260		
Silty claystone	olive gray	254	292	38
Lignite & carbonaceous shale		292	304	12
Silty claystone		304	316	12
Lignite		316	328	12
Silty, clayey sandstone		328	336	8
Lignite		336	342	6
Sandstone & claystone		342	430	88
Sandy & carbonaceous claystone		430	484	54
Sandstone		484	510	26
Carbonaceous claystone		510	514	4
Sandstone		514	564	50

Signed

Driller

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Lignite		564	578	14
Sandstone & claystone		578	642	64
Lignite		642	652	10
Sandstone & claystone		652	712	60
Limestone		712	720	8
Sandstone		720	750	30
Lignite		750	770	20
Sandstone		770	785	15
Claystone		785	798	13
Lignite		798	804	6
Lignite & claystone		804	866	62
Lignite		866	874	8
Claystone		874	896	22
Lignite & claystone		896	913	17
Claystone, silty		913	940	27
Sandstone		940	964	24
Limestone		964	968	4
Sandy siltstone		968	994	26
Limestone		994	998	4
Sandy siltstone		998	1030	32
Limestone		1030	1034	4
Sandy claystone		1034	1064	30
Limestone		1064	1066	2
Claystone		1066	1102	36
Limestone		1102	1106	4
Sandstone & claystone		1106	1168	62
Lignite		1168	1172	4

Signed

Driller

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Lignite & claystone		1172	1202	30
Lignite		1202	1208	6
Silty sandstone		1208	1234	26
Limestone		1234	1238	4
Lignite		1238	1256	18
Lignite		1256	1263	7
Sandstone		1263	1306	43
Lignite & claystone		1306	1320	14
Sandstone & siltstone		1320	1350	30
Limestone		1350	1354	4
Sandstone		1354	1392	38
Limestone		1392	1398	6
Sandstone		1398	1430	32
Carbonaceous claystone		1430	1448	18
Limestone		1448	1450	2
Carbonaceous claystone		1450 1494	1494	44
Lignite		1494	1503	9
Claystone		1503	1550	47
Limestone		1550	1554	4
Silty claystone		1554	1674	120
Sandstone		1674	1732	58
Limestone		1732	1735	3
Claystone & siltstone		1735	1785	50
Sandstone		1785	1875	90
Claystone		1875	1928	53

Signed Kenneth Hansen

Driller